TITLE: An Implementation of a Turbo Decoder INVENTOR: Warm Shaw Yuan Attorney Docket: M-7976 US

1/7

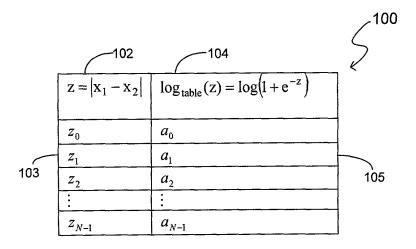


Figure 1 (Prior Art)

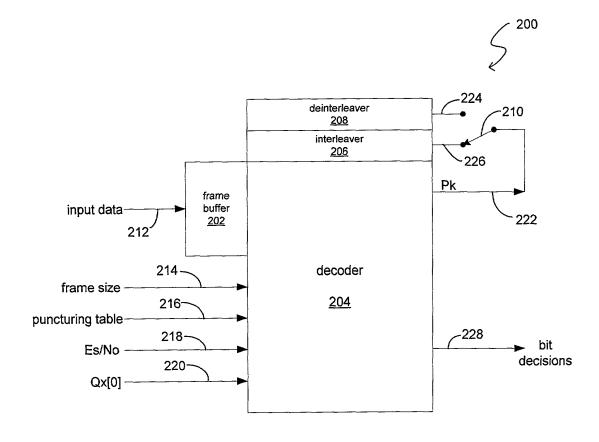


Figure 2

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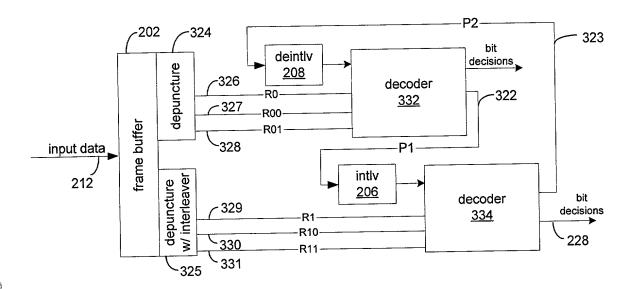


Figure 3

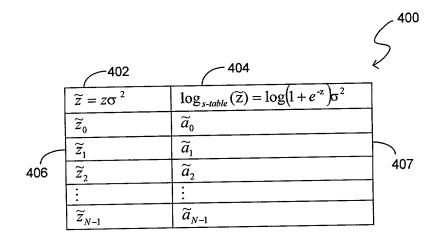


Figure 4

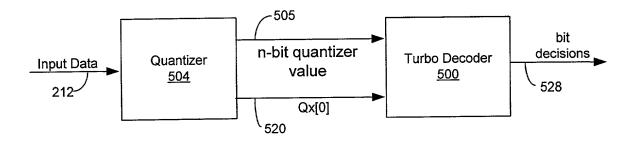
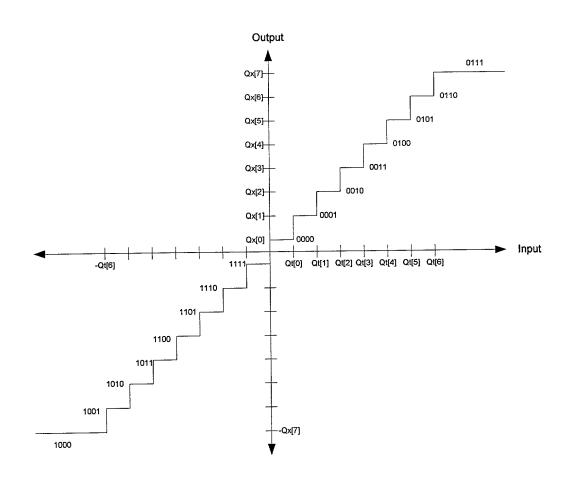


Figure 5



The Court of the line was then

A Table Anna

Figure 6

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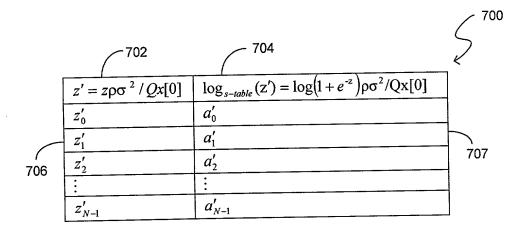


Figure 7

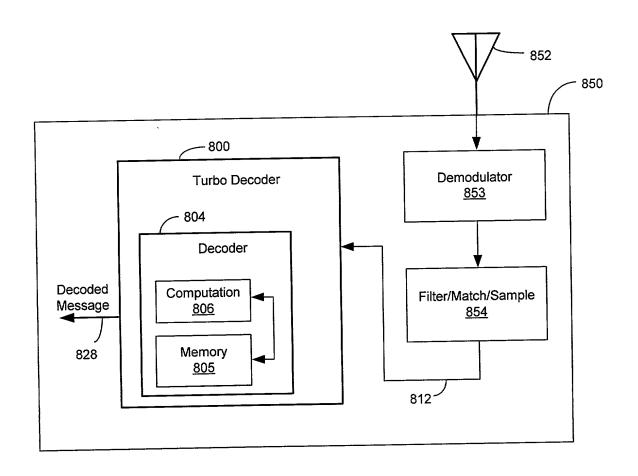


Figure 8

TITLE: An Implementation of a Turbo Decoder INVENTOR: Warm Shaw Yuan Attorney Docket: M-7976 US

		900
		>
902	910	904
$\overline{z}$	$Z_{Addr}$	$\log_{\text{table}}(\overline{z}) = \log(1 + e^{-\overline{z}})$
$\overline{z}_0 = 0$	0	$\overline{a}_0$
$\overline{z}_1 = 1 \times 2^{\lfloor \log_2(z_I) \rfloor}$	1	$\overline{a}_1$
$\overline{z}_2 = 2 \times 2^{\lfloor \log_2(z_1) \rfloor}$	2	$\bar{a}_2$
:	:	:
$\overline{z}_{2N-1} = (2N-1) \times 2^{\lfloor \log_2(z_I) \rfloor}$	2N-1	$\overline{a}_{2N-1}$

Figure 9

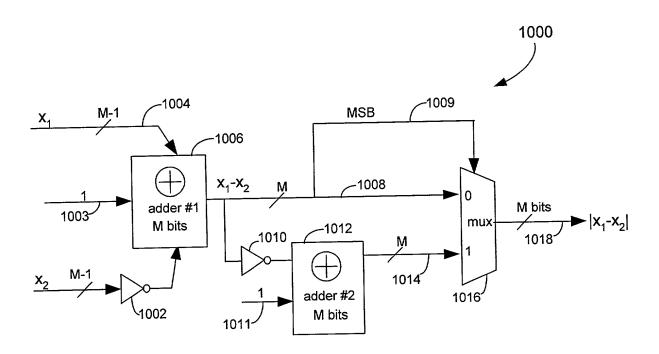


Figure 10

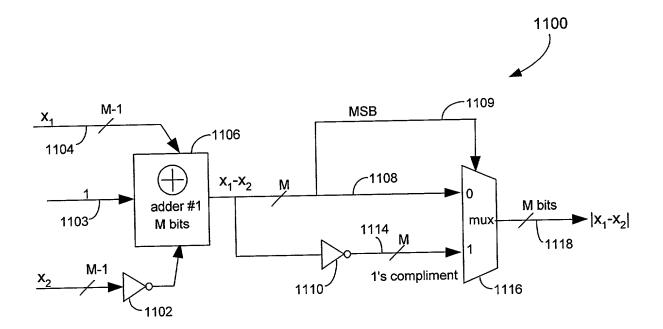
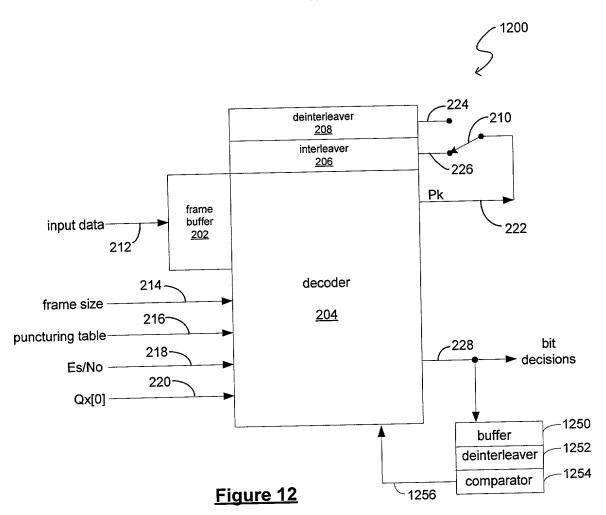


Figure 11

TITLE: An Implementation of a Turbo Decoder INVENTOR: Warm Shaw Yuan Attorney Docket: M-7976 US



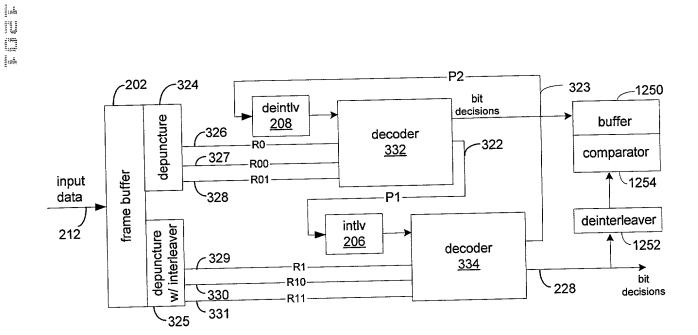


Figure 13